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Amendments to the Specification

Please amend the paragraphs at page 5, line 18 through page 6, line 24, in the following manner:

DISCLOSURE OF THE INVENTION SUMMARY

~~It is a general object of the present invention to solve one or more of the problems of the related art.~~

~~A specific object of the present invention is to provide~~ In an aspect of this disclosure, there is provide a battery connection detection circuit that is able to correctly determine an operation condition of a secondary battery and a connection condition between the secondary battery and a charging device even when high frequency noise is superposed on a power supply of the charging device, and even when an output voltage of the power supply decreases.

~~According to the present invention~~ In another aspect of this disclosure, there is provided a battery connection detection circuit for detecting whether a secondary battery is operable and whether the secondary battery is reliably connected to a charging device, comprising: a current supplying circuit configured to supply a current to the secondary battery; a constant voltage circuit configured to control the current from the current supplying circuit so that a voltage on a connection terminal T1 for connecting the secondary battery is constant; a constant current circuit configured to control the current from the current supplying circuit so that the current supplied to the secondary battery is constant; and a determination circuit configured to determine operation states of the constant voltage circuit and the constant current circuit, said determination circuit determining whether the secondary battery is operable and whether the secondary battery is reliably connected to the charging device according to the operation states of the constant voltage circuit and the constant current circuit.